

Title (en)

Clamp device for fixing a rack assembly to a trailer coupling

Title (de)

Spannvorrichtung für die Befestigung eines Lastträgers an eine Anhängerkupplung

Title (fr)

Dispositif de serrage pour fixer un châssis de transport à un attelage de remorque

Publication

EP 1440846 A1 20040728 (EN)

Application

EP 03001503 A 20030123

Priority

EP 03001503 A 20030123

Abstract (en)

A clamp device includes a connection member (30) which has two side plates (32) extending from a side thereof and a bicycle rack assembly (B) is connected to a top of the connection member. A first fixing member and a second fixing member are respectively fixedly and pivotably connected between the two side plates so that a connection sphere extending from a rear end of a vehicle is clamped between the two fixing members. A pressing bar (60) extends through the two side plates and has a plane surface (621). A pressing plate (50) is inserted between a pressing bar (60) and the second fixing member and pressed by the plane surface (621) of the pressing bar (60). A lower section of the pressing plate extends from the insertion at an angle and includes a notch (51) which presses on a bar (11) extending from the connection sphere. The lower section also presses the second fixing member toward the connection sphere. <IMAGE>

IPC 1-7

B60R 9/06; **B60R 9/10**; **B60D 1/06**

IPC 8 full level

B60D 1/06 (2006.01); **B60R 9/06** (2006.01); **B60R 9/10** (2006.01)

CPC (source: EP)

B60D 1/065 (2013.01); **B60R 9/06** (2013.01); **B60R 9/10** (2013.01)

Citation (search report)

- [A] DE 9303510 U1 19940714 - KOBER AG [DE]
- [A] DE 29810614 U1 19980820 - MONT BLANC AUTOZUBEHOER GMBH [DE]
- [A] EP 1095820 A1 20010502 - THULE IND AB [SE]

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